

Power Cable 2 x 10 (N)YY-O Flexible (0.6/1KV)

P.V.C - insulated & Sheathed, Multi-Core Cable with Flexible Conductor Type NYY-F, 0.6/1 KV ACC(INSO 3569-1)

Cable Layer Construction **CU , PVC , PVC** **LV**

Applicable Standard(s) **IEC 60502-1 & INSO 3569-1 & IEC 60228 & DIN VDE 0271**

Description		Unit	Specification	
CONDUCTOR	Material	****	Plain Annealed Copper	
	TYPE	****	Flexible (Class 5) RF	
	No. of core & Conductor Area	L	no (mm ²)	1 x 10
		N		1 x 10
		PE		0
	No & Dia of Wire	L	no (mm)	80 x 0.39
N		80 x 0.39		
PE		0		
Shape		****	ROUND	
INSULATION	Material	****	Extruded PVC	
	Thickness	L	1.0	
		N	1.0	
		PE	0.0	
Colour		****	L:Black , N:Blue	
Outer Sheath	Material	****	Extruded PVC	
	Thickness	mm	1.8	
	Colour	****	Black	
Overall diameter (Approx.)		mm	15.8	
Cable Weight (Approx.)		Kg / km	432	
Packing		****	Drum	
Rated Voltage Uo/U (Um)		KV	0.6 / 1 (1.2)	
System Frequency		Hz	50	
DC conductor resistant At 20 °C		Ω/ Km	1.91	
Conductor Short Circuit Current (1 Sec)		KA	1.11	
Test voltage		KV	4	
Max.Short circuit withstand current temperature		°C	+ 160	
Operation temperature		°C	- 30 to +70	
Special Proerties		Flame Retardant	IEC 60332-1-2	

(افشار نژاد) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 /1KV NYY-O 2x10 mm2 RF FLEXIBLE MADE IN IRAN CE

CU Copper	PET Polyester Tape	CWC+CT Concentric Copper Wire Conductor+Copper Tape
TiCu Tinned Copper	Al-PET Aluminum Polyester Tape	CWS+CT Concentric Copper Wire Screen+Copper Tape
MGT Mica Glass Tape	CU-PET Copper Polyester Tape	SWA Steel Wire Armour
PVC Polyvinyl Chloride	TDW Tinned Drain Wire	SWB Steel Wire Braid
PE Polyethylene	CWB Copper Wire Braid	DTA Double Tape Armour
XLPE Cross Linked Polyethylene	TCWB Tinned Copper Wire Braid	LSPVC Low Smoke PVC
SR Silicone Rubber	OSCR Overall Screen	LSFOH Low Smoke Free Of Halogen

Shafiei